

AMENDMENTS TO THE CLAIMS

Please amend Claim 1 and add Claims 2-40 as follows.

1           1.       (Currently Amended) A machine implemented method, comprising:  
2           ~~providing~~ sending a Web page resident on a customer Web server to a requesting user,  
3           ~~said the~~ Web page including static content represented by an embedded URL; and  
4           wherein the static content is served by a plurality of ~~[[w]]~~ Web caches within a POP  
5           server network.

1           2.       (New) The method of Claim 1, wherein the sending step further comprises:  
2           determining traffic loads of a plurality of customer Web servers using a probe server;  
3           selecting the customer Web server from the plurality of customer Web servers using a  
4           DNS server, the customer Web server having a traffic load more appropriate for a user request  
5           than traffic loads of other customer Web servers in the plurality of customer Web servers; and  
6           sending the user request for the Web page to the customer web server.

7           3.       (New) The method of Claim 2, wherein the traffic loads include latency  
8           measurements between the probe server and the plurality of customer Web servers.

1           4.       (New) The method of Claim 2, wherein the determining traffic loads step  
2           measures traffic loads at predetermined intervals.

1           5.       (New) The method of Claim 1, further comprising:  
2           determining service metrics of the plurality of Web caches using a probe server;  
3           selecting a Web cache from the plurality of Web caches using a DNS server, the Web  
4           cache having service metrics more appropriate for a user request from the Web page than service  
5           metrics of other Web caches in the plurality of Web caches;  
6           sending the user request for the static content to the Web cache; and  
7           wherein the Web cache sends the static content to the requesting user.

1           6.       (New) The method of Claim 5, wherein the service metrics include metrics  
2 selected from: HTTP response time, FTP response time, CPU load, memory load.

1           7.       (New) The method of Claim 5, wherein the determining service metrics step  
2 determines service metrics at predetermined intervals.

1           8.       (New) The method of Claim 5, further comprising:  
2           determining whether the requested static content is resident on the Web cache;  
3           determining a customer Web server that has the requested static content when the  
4 requested static content is not resident on the Web cache;  
5           wherein the Web cache retrieves the requested static content from the customer Web  
6 server; and  
7           storing the requested static content from the customer Web server on the Web cache.

1           9.       (New) The method of Claim 8, wherein the customer Web server from which  
2 static content is retrieved is predetermined.

1           10.      (New) The method of Claim 1, wherein the network of POP servers comprises  
2 more than one DNS server.

1           11.      (New) A method, comprising:  
2           sending a Web page resident on a customer Web server to a requesting user, the Web  
3 page including cacheable content represented by an embedded URL and dynamic content  
4 represented by a second embedded URL;  
5           wherein the dynamic content is served by a plurality of customer Web servers; and  
6           wherein the cacheable content is served by a plurality of Web caches within a POP server  
7 network.

1           12.      (New) The method of Claim 11, wherein the sending step further comprises:  
2           determining traffic loads of the plurality of customer Web servers using a probe server;

3 selecting the customer Web server from the plurality of customer Web servers using a  
4 DNS server, the customer Web server having a traffic load more appropriate for a user request  
5 than traffic loads of other customer Web servers in the plurality of customer Web servers; and  
6 sending the user request for the Web page to the customer web server.

1 13. (New) The method of Claim 12, wherein the traffic loads include latency  
2 measurements between the probe server and the plurality of customer Web servers.

1 14. (New) The method of Claim 12, wherein the determining traffic loads step  
2 measures traffic loads at predetermined intervals.

1 15. (New) The method of Claim 11, further comprising:  
2 determining service metrics of the plurality of Web caches using a probe server;  
3 selecting a Web cache from the plurality of Web caches using a DNS server, the Web  
4 cache having service metrics more appropriate for a user request from the Web page than service  
5 metrics of other Web caches in the plurality of Web caches;  
6 sending the user request for the static content to the Web cache; and  
7 wherein the Web cache sends the static content to the requesting user.

1 16. (New) The method of Claim 15, wherein the service metrics include metrics  
2 selected from: HTTP response time, FTP response time, CPU load, memory load.

1 17. (New) The method of Claim 15, wherein the determining service metrics step  
2 determines service metrics at predetermined intervals.

1 18. (New) The method of Claim 15, further comprising:  
2 determining whether the requested static content is resident on the Web cache;  
3 determining a customer Web server that has the requested static content when the  
4 requested static content is not resident on the Web cache;

5 wherein the Web cache retrieves the requested static content from the customer Web  
6 server; and

7 storing the requested static content from the customer Web server on the Web cache.

1 19. (New) The method of Claim 18, wherein the customer Web server from which  
2 static content is retrieved is predetermined.

1 20. (New) The method of Claim 11, wherein the network of POP servers comprises  
2 more than one DNS server.

1 21. (New) An apparatus, comprising:  
2 a module for sending a Web page resident on a customer Web server to a requesting user,  
3 the Web page including static content represented by an embedded URL; and  
4 wherein the static content is served by a plurality of Web caches within a POP server  
5 network.

1 22. (New) The apparatus of Claim 21, wherein the sending module further  
2 comprises:  
3 a module for determining traffic loads of a plurality of customer Web servers using a  
4 probe server;  
5 a module for selecting the customer Web server from the plurality of customer Web  
6 servers using a DNS server, the customer Web server having a traffic load more appropriate for a  
7 user request than traffic loads of other customer Web servers in the plurality of customer Web  
8 servers; and

9 a module for sending the user request for the Web page to the customer web server.

1 23. (New) The apparatus of Claim 22, wherein the traffic loads include latency  
2 measurements between the probe server and the plurality of customer Web servers.

1           24.   (New) The apparatus of Claim 22, wherein the determining traffic loads module  
2 measures traffic loads at predetermined intervals.

1           25.   (New) The apparatus of Claim 21, further comprising:  
2           a module for determining service metrics of the plurality of Web caches using a probe  
3 server;  
4           a module for selecting a Web cache from the plurality of Web caches using a DNS  
5 server, the Web cache having service metrics more appropriate for a user request from the Web  
6 page than service metrics of other Web caches in the plurality of Web caches;  
7           a module for sending the user request for the static content to the Web cache; and  
8           wherein the Web cache sends the static content to the requesting user.

1           26.   (New) The apparatus of Claim 25, wherein the service metrics include metrics  
2 selected from: HTTP response time, FTP response time, CPU load, memory load.

1           27.   (New) The apparatus of Claim 25, wherein the determining service metrics  
2 module determines service metrics at predetermined intervals.

1           28.   (New) The apparatus of Claim 25, further comprising:  
2           a module for determining whether the requested static content is resident on the Web  
3 cache;  
4           a module for determining a customer Web server that has the requested static content  
5 when the requested static content is not resident on the Web cache;  
6           wherein the Web cache retrieves the requested static content from the customer Web  
7 server; and  
8           a module for storing the requested static content from the customer Web server on the  
9 Web cache.

1           29.   (New) The apparatus of Claim 28, wherein the customer Web server from which  
2 static content is retrieved is predetermined.

1           30.   (New) The apparatus of Claim 21, wherein the network of POP servers comprises  
2 more than one DNS server.

1           31.   (New) An apparatus, comprising:  
2           a module for sending a Web page resident on a customer Web server to a requesting user,  
3 the Web page including cacheable content represented by an embedded URL and dynamic  
4 content represented by a second embedded URL;  
5           wherein the dynamic content is served by a plurality of customer Web servers; and  
6           wherein the cacheable content is served by a plurality of Web caches within a POP server  
7 network.

1           32.   (New) The apparatus of Claim 31, wherein the sending module further  
2 comprises:  
3           a module for determining traffic loads of the plurality of customer Web servers using a  
4 probe server;  
5           a module for selecting the customer Web server from the plurality of customer Web  
6 servers using a DNS server, the customer Web server having a traffic load more appropriate for a  
7 user request than traffic loads of other customer Web servers in the plurality of customer Web  
8 servers; and  
9           a module for sending the user request for the Web page to the customer web server.

1           33.   (New) The apparatus of Claim 32, wherein the traffic loads include latency  
2 measurements between the probe server and the plurality of customer Web servers.

1           34.   (New) The apparatus of Claim 32, wherein the determining traffic loads module  
2 measures traffic loads at predetermined intervals.

1           35.   (New) The apparatus of Claim 31, further comprising:

2           a module for determining service metrics of the plurality of Web caches using a probe

3   server;

4           a module for selecting a Web cache from the plurality of Web caches using a DNS

5   server, the Web cache having service metrics more appropriate for a user request from the Web

6   page than service metrics of other Web caches in the plurality of Web caches;

7           a module for sending the user request for the static content to the Web cache; and

8           wherein the Web cache sends the static content to the requesting user.

1           36.   (New) The apparatus of Claim 35, wherein the service metrics include metrics  
2   selected from: HTTP response time, FTP response time, CPU load, memory load.

1           37.   (New) The apparatus of Claim 35, wherein the determining service metrics  
2   module determines service metrics at predetermined intervals.

1           38.   (New) The apparatus of Claim 35, further comprising:

2           a module for determining whether the requested static content is resident on the Web  
3   cache;

4           a module for determining a customer Web server that has the requested static content  
5   when the requested static content is not resident on the Web cache;

6           wherein the Web cache retrieves the requested static content from the customer Web  
7   server; and

8           a module for storing the requested static content from the customer Web server on the  
9   Web cache.

1           39.   (New) The apparatus of Claim 38, wherein the customer Web server from which  
2   static content is retrieved is predetermined.

1           40.   (New) The apparatus of Claim 31, wherein the network of POP servers comprises  
2   more than one DNS server.